

XP-002149505

AN - 1994-189823 [23]  
AP - SU19904856957 19900808

CPY - TRAN-R

DC - B07 D22 P34

DR - 0351-P 1066-P

FS - CPI;GMPI

IC - A61L2/20

IN - KOMAROV V V; SATIN V P; SMIRNOV M E

MC - B05-C04 B07-A03 B11-C09 B14-A01 D09-A01

M2 - [01] F000 F100 M280 M320 M413 M424 M431 M510 M521 M530 M540 M720 M740  
M782 M903 M904 M910 N164 Q261; 00012; R00351-P; 0351-P

- [02] C106 C108 C530 C730 C800 C801 C802 C803 C805 C807 M411 M424 M431  
M720 M740 M782 M903 M904 M910 N164 Q261; R01066-P; 1066-P

M6 - [03] M903 Q261 R460 R535

PA - (TRAN-R) TRANSPORT CHEM EQUIP CONS BUR

PN - SU1803127 A1 19930323 DW199423 A61L2/20 002pp

PR - SU19904856957 19900808

XA - C1994-086949

XIC - A61L-002/20

XP - N1994-149349

AB - SU1803127 Gas sterilisation includes prepn. of a sterilising gas mixt.  
and passing it into a preliminarily evacuated vacuum chamber. The  
mixt. is prepnd. by evapn. of liquefied gases, with ejection of 1 of  
the gases by the other.

- Liquefied gases, i.e. ethylene oxide and carbon dioxide, are passed  
from bottles (4,5) into a heat exchanger (6) and then to an ejection  
mixer (7), ejecting the ethylene oxide and carbon dioxide, with lower  
and higher pressures respectively, and mixing them in an assigned  
ratio. After the ejection mixer (7), the sterilising mixt. of gases  
passes along a pipeline (8) into a hermetic chamber (1), preliminarily  
evacuated using a vacuum device (2) and contg. articles (9) for  
sterilisation. Prepnd. of the sterilising mixt. of gases directly  
during its passage to the chamber reduces the overall time of  
sterilisation and storage of the gases in liquefied form reduces the  
storage area.

- USE/ADVANTAGE - Sterilisation of medicinal single-use syringes.  
Accelerated sterilisation process and better ease of use are ensured.

- (Dwg.1/1)

CN - R00351-P R01066-P

DRL - 0351-P 1066-P

IW - GAS STERILE DEVICE HEAT EXCHANGE PASS TWO LIQUEFY GAS EJECT MIX  
FORMING STERILE MIXTURE REQUIRE RATIO GAS

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FORMING STERILE MIXTURE REQUIRE RATIO GAS

INW - KOMAROV V V; SATIN V P; SMIRNOV M E

NC - 001

OPD - 1990-08-08

ORD - 1993-03-23

PAW - (TRAN-R) TRANSPORT CHEM EQUIP CONS BUR

RRL - 00012

T1 - Gas sterilisation device - has heat exchanger to pass two liquefied

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**gases to injection mixer, forming a sterilising mixt. with required ratio of the gases**